



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D5574-1
Job Sheet 186507



Part No: D5574-1

Job Qty: 6 pcs

Part Name: Blade Housing, Cable Cutter



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/16/18

Job Tracking No:

Due Date: 1/11/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: TBD Dwg D5574-1 Rev.A IPP Rev.A New issue 18/02/01 JFS Verified by:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
110	HAAS 4 Axis	6 pcs	1/11/19		0.00	7.08	HAAS - 1	52 9-89 19/02/16
							HAAS - 2	
							HAAS - 3	
							HAAS - 4	
120	QC 2	6 pcs	1/11/19		0.00	0.00	QC 2 - 1	DAS 52 9-89 19/02/16
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 38	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 54	
							QC 2 - 56	
							QC 2 - 57	



Container No: S154481



Part: D5574-1

Job No: 186507

Serial No/Batch: S154481

Revision: A

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
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CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 02/16/19

				QC 2 - 62	
				QC 2 - 63	
				QC 2 - 8	
130	QC 8	6 pcs	1/11/19	0.00 0.00	QC 8 - 12
					QC 8 - 14
					QC 8 - 17
					QC 8 - 20
					QC 8 - 25
					QC 8 - 3
					QC 8 - 32
					QC 8 - 33
					QC 8 - 35
					QC 8 - 38
					QC 8 - 39
					QC 8 - 4
					QC 8 - 44
					QC 8 - 45
					QC 8 - 49
					QC 8 - 58
					QC 8 - 8
					QC 8 - 9
					QC 8 - 68
					QC 8 - 67
					QC 8 - 1 (A)
135	Outsource - 4 - Anodize	6 pcs	1/11/19		ATG001-VC 10
140	Packaging 2-1 - Receive - B4B	6 pcs	1/11/19	0.00 0.00	Packaging 2 - 1 - B4B
					Packaging 2 - 2 - B4B
					Packaging 2 - 3 - B4B
					Packaging 2 - 5 - B4B
					Packaging 2 - 4 - B4B
					Packaging 2 - 6 - B4B
					Packaging 2 - 7 - B4B
					Packaging 2 - 8 - B4B
					Packaging 2 - 9 - B4B
					Packaging 2 - 10 - B4B
					Packaging 2 - 11 - B4B
					Packaging 2 - 12 - B4B
					Packaging 2 - 13 - B4B
					Packaging 2 - 14 - B4B
					Packaging 2 - 15 - B4B
					Packaging 2 - 16 - B4B
					Packaging 2 - 17 - B4B
					Packaging 2 - 18 - B4B
					Packaging 2 - 19 - B4B
					Packaging 2 - 20 - B4B
					Packaging 2 - 21 - B4B
					Packaging 2 - 22 - B4B
					Packaging 2 - 23 - B4B
					Packaging 2 - 24 - B4B
					Packaging 2 - 25 - B4B
					Packaging 2 - 26 - B4B
					Packaging 2 - 27 - B4B
					Packaging 2 - 28 - B4B
					Packaging 2 - 29 - B4B
					Packaging 2 - 30 - B4B
					Packaging 2 - 31 - B4B
					Packaging 2 - 32 - B4B
					Packaging 2 - 33 - B4B
					Packaging 2 - 34 - B4B

Kt 2014-02-20
 CC 19-02-20

MAR 11 2019

MAR 13 2019

				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
150 QC 6	6 pcs	1/11/19	0.00 0.00	QC 6 - 38	
				QC 6 - 42	
				QC 6 - 9	
				QC 6 - 68	
				QC 6 - 61	
				DAS MAR 13 2019 68 9-89	
180 Packaging 3-1 - Stock - B4B	6 pcs	1/11/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				MAR 13 2019	
190 QC 21 - SA	6 pcs	1/11/19	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	
				DAS MAR 13 2019 70 9-89	
Part Op 110 - (HAAS CNC Vertical Machine) 1-Machine per folio FB764 DWG REV: A FOLIO REV: 1 2-9-89					
Descriptions: deburr and break all sharp edges					
120 - QC2- Inspect parts off machine FAI/FAIB					
130 - QC8- Inspect parts - second check					
135 - Issue P/O to ATG : PO042630 Black Anodize & Prime as per Dwg. D5574 Certification of Conformity is required.					
140 - (Receive & Inspect for Damage & Mat'l Certs) Certification of Conformity is required.					
150 - (QC6- All purchased or subcontracted products)					
180 - (Identify as per dwg & Stock Location:)Identify as per dwg & Stock Location:					
190 - QC21- Final Inspection - Work Order Release					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
M7075T6S1.000X5.000	7075-T6 Sheet1" Thick Plate X 5" Wide	3.6300 ft (.605 ea)	110-HAAS 4 Axis	5129443	

DAS
MAR 13 2019 68
9-89

MAR 13 2019

DAS
MAR 13 2019 70
9-89

MAT used
3.65'

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
110-HAAS 4 Axis	M7075T6S1.000X5.000	4	12	0
Part Specifications				
Specifications could not be found.				

Plex 1/22/19 1:33 PM Dart.Hadley.Shannon



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D5574-1

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Part No: D5574-1

Job Qty: 6 ea

Part Name: Blade Housing, Cable Cutter



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/16/18

Job Tracking No:

Due Date: 1/11/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: TBD Dwg D5574-1 Rev.A IPP Rev.A New issue 18/02/01 JFS Verified by:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup	Run	Workcenter / Supplier	Lead Time	
90	Start up Operation	6 Ea		1/11/19	0.00	0.00	Start Up Machining-1		
110	CNC Vertical Machining	6 pcs		1/11/19	0.00	7.08	HAAS1-1		
120	QC	6 pcs		1/11/19	0.00	0.00	QC2 Machining-1		
130	QC	6 pcs		1/11/19	0.00	0.00	QC8 Machining-1		
135	Outsource	6 pcs		1/11/19			ATG001-VC	10	
140	Packaging	6 pcs		1/11/19	0.00	0.00	Packaging2		
150	QC	6 pcs		1/11/19	0.00	0.00	QC6		
180	Packaging	6 pcs		1/11/19	0.00	0.00	Packaging3-1		
190	QC21-SA	6 Ea		1/11/19	0.00	0.00	QC21		

Part Op 90 - Cut blank at 7.250"

Descriptions: 110 - 1-Machine per folio FB764 DWG REV: _____ FOLIO REV: _____ 2- deburr and break all sharp edges

120 - QC2- Inspect parts off machine FAI/FAIB

130 - QC8- Inspect parts - second check

135 - Issue P/O to ATG : _____ Black Anodize & Prime as per Dwg. D5574 Certification of Conformity is required.

140 - Certification of Conformity is required.

180 - Identify as per dwg & Stock Location: _____

190 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M7075T6S1.000X5.000	7075-T6 Sheet1" Thick Plate X 5" Wide	3.6300 ft (.605 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M7075T6S1.000X5.000	4	7	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								



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PURCHASE ORDER

PO042670



Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO042670

PO Date: 2/20/19

Due Date: 3/6/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	189248	RBE350A93-3302-02-5	Extension Handle -Issue P/O to ATG: -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	-	3/6/19	10 pcs	0 pcs	10 pcs	\$5.76/pcs	\$57.60
2	186507	D5574-1	Blade Housing, Cable Cutter : Various STC's Issue P/O to ATG : Black Anodize & Prime as per Dwg. D5574 Certification of Conformity is required.	Firmed	-	3/6/19	6 pcs	0 pcs	6 pcs	\$11.55/pcs	\$69.30



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PURCHASE ORDER

PO042670



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	189540	C3-8-5	Solenoid Cover Outsource process-Anodize per QSI017 4.1.10.1) -Issue P/O to ATG: -ANODIZE COLOR BLACK, PER IAW MIL-A- 8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	-	3/6/19	10 pcs	0 pcs	10 pcs	\$5.76/pcs	\$57.60
4	186240	646.3110	Channel Issue P/O to ATG : 1- Hard Anodize Black and Prime as per Dwg 646.3100	Firmed	-	3/6/19	24 pcs	0 pcs	24 pcs	\$12.00/pcs	\$288.00
5	188674	RB DB3225L-5	Hose End Outsource process-Anodize per QSI017 4.1.10.1 -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A- 8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	-	3/6/19	17 pcs	0 pcs	17 pcs	\$6.30/pcs	\$107.10
	189121			Firmed	-	3/6/19	8 pcs	0 pcs	8 pcs	\$6.30/pcs	\$50.40
Sub Total:							25	0	25		\$157.50
6	188306	646.3714	Gusset Issue P/O to ATG : Hard Anodize, Color Black and Prime as per Dwg 646.3700 Rev. A	Firmed	-	3/6/19	21 pcs	0 pcs	21 pcs	\$17.05/pcs	\$358.05



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PURCHASE ORDER

PO042670



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
7	188703	RBE105-14181W1-9	Drift -Issue P/O; -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	3/6/19	4 pcs	0 pcs	4 pcs	\$5.76/pcs	\$23.04
4X FEB 27 2019											
Line Item Note Need for the 26											
8	188704	RBE105-14181W3-1	Support -Issue P/O; -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	3/6/19	4 pcs	0 pcs	4 pcs	\$5.76/pcs	\$23.04
4X FEB 27 2019											
Line Item Note Need for the 26											
9	186710	646.3210	Support Issue P/O to ATG : 1- Hard Anodize Color Black and Prime as per Dwg 646.3200	Firmed	-	3/6/19	12 pcs	0 pcs	12 pcs	\$15.65/pcs	\$187.80
Grand Total:										\$1,221.93	



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PURCHASE ORDER

PO042670



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 2/27/19 10:47 AM dart.tsimiklis.chrisoula

